

*Ser.no. 10/077,884
Amdt dated October 15, 2004
In Reply to Office Action dated April 15, 2004*

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1.(currently amended) A spade drill bit comprising:
- a shaft;
- a spade head portion arranged on said shaft, said head portion having a rearward facing bottom edge, two longitudinal sides and a forward facing cutting edge having a pointed, generally triangularly shaped tip and outer ends,
- wherein said longitudinal sides of said head portion are bent along a bend in a direction of rotation of said drill bit during operation, so that said outer ends are bent forwards in said rotating direction, and wherein said bend runs from a first position at one of said longitudinal sides or said bottom edge, to a second position at said cutting edge between said outer end and said tip,
- wherein said cutting edge comprises arced cutting portions arranged between said outer ends and said tip, said arced cutting portions being generally U-shaped ~~reliefs are arranged along at least a portion of said bend.~~
- 2.(original) The spade drill bit as recited in claim 1, wherein edge spurs are arranged at said outer ends of said cutting edge.
- 3.(cancelled)
- 4.(cancelled)
- 5.(original) The spade drill bit as recited in claim 1, wherein said longitudinal sides comprise serrations.
- 6.(original) The spade drill bit as recited in claim 2, wherein said longitudinal sides comprise serrations.

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7.(original) The spade drill bit as recited in claim 1, wherein said tip comprises reliefs arranged in the cutting direction.

8.(previously cancelled)

9.(original) The spade drill bit as recited in claim 2, wherein said tip comprise reliefs arranged in the cutting direction.

10.(previously cancelled).

11. (new) The spade drill bit as recited in claim 1, wherein said first position is arranged closer to said bottom edge than to said cutting edge.

12. (new) The spade drill bit as recited in claim 1, wherein said shaft further comprises means for connecting said shaft to a hand or power tool.

13.(new) The spade drill bit as recited in claim 1 further comprising a stem portion for attachment to said shaft and to a hand or power tool.

14.(new) The spade drill bit of claim 13 wherein said stem portion is manufactured by forging, a hot forming technique or a cold forming technique.

15.(new) The spade drill bit of claim 14 wherein said shaft and said second stem portion are pressed together and final-sintered.

16.(new) The spade drill bit as recited in claim 12 wherein said head portion is manufactured by a powder metallurgical process.

17. (new) The spade drill bit as recited in claim 7, wherein said reliefs are arranged along at least a portion of said bend.

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18.(new) The spade drill bit as recited in claim 9, wherein said reliefs are arranged along at least a portion of said bend.